CONTENTS VOLUME 325

Leslie J Rosenberg, Karl A. van Bibber. Searches for invisible axions 1

Reinaldo J. Gleiser, Carlos O. Nicasio, Richard H. Price, Jorge Pullin. Gravitational radiation from schwarzschild black holes: the second-order perturbation formalism 41

Hyun Kyu Lee, R.A.M.J. Wijers, G.E. Brown. The blandford–znajek process as a central engine for a gamma-ray burst 83

V.V. Bychkov, M.A. Liberman. Dynamics and stability of premixed flames 115

H. Rafii-Tabar. Modelling the nano-scale phenomena in condensed matter physics via computer-based numerical simulations 239

V.L. Telegdi, K. Winter, Erratum to "Why matter matters. 50 years elementary particle physics – Festschrift for Lev B.Okun" [Phys. Rep. 320 (1999) 1–378] 311